

Your Guide to Isle Royale National Park
www.nps.gov/isro

National Park Service
 U.S. Department of the Interior



A Legacy of Service

ON A BALMY AUGUST AFTERNOON, THE PASSENGERS ON *S.S. SEMINOLE* scanned the horizon, eyes squinted against the sun, for a first view of the island. From your own journeys to Isle Royale, you probably remember that first sighting, feeling excitement for the adventure ahead, perhaps relief that the lake crossing was almost behind you and the inevitable worry that some critically important piece of equipment had been forgotten. The 20 men aboard *Seminole* were likely filled with similar anticipation as the vague outline of land resolved into a tapestry of greens, reds and browns. Crossing Siskiwit Bay, they looked for a good landing near Senter Point; but the rocky shore, dense underbrush and shallow waters defeated them and they were forced to wade ashore. It was 1935; Company 2699 of the Civilian Conservation Corps had arrived on Isle Royale.

Just two years earlier, the newly elected president Franklin Roosevelt had quickly enacted an emergency works program as the country reeled from the effects of massive unemployment. "Our greatest task" he declared, "is to put people to work... but at the same time accomplishing greatly needed projects to stimulate and reorganize the use of our natural resources." The resulting large mobilization of young men into the Civilian Conservation Corps (CCC) had lasting impacts on federal and state lands. The national parks saw an enormous influx of labor and dollars. Ninety four national parks and monuments were hosts to CCC camps, including the recently authorized Isle Royale National Park.

The advance party of 20 was quickly followed by the remainder of the company. A total of 200 men, most of them barely out of their teens, spent the next two months establishing camp and preparing for future projects. The CCC camp was supervised by the Army. Unlike today's visitors, the enrollees did not enjoy slow awakenings and relaxing days. The 6:00 A.M. bugle called them to reveille, followed by calisthenics, breakfast, inspection, roll call and then off to work.

While the Army maintained order in the camp, the Park Service specified the company's goals and projects. Concern for preserving the wilderness features of the island was juxtaposed with the need for visitor amenities and plans for wildlife and forest management.

With the spring of 1936, the projects began in earnest. A second camp at Daisy Farm was established. A total of 400 CCC enrollees cleared slash from past logging operations, corralled moose for transport to the mainland, built trails and docks and installed navigational markers. Sweaty work...especially when it was

so hot and dry. In late July a fire ignited and swiftly swept across the island. All hands were called to fire fighting. Eventually, 1800 CCC men working in 12 hour shifts battled the blaze digging a hundred miles of trenches by hand, including a continuous trench from Daisy Farm to Todd Harbor. When the fire was finally extinguished by rain, twenty percent of the island had burned. One hundred and fifteen enrollees answered the call for volunteers to spend the winter to clear fire damage and trap moose for relocation. Their willingness to remain in the isolated winter wilderness earned them the nickname "Hardy Boys."

Over the next five years through the efforts of the CCC, the park headquarters on Mott Island was developed, boat campgrounds were created, resorts at Belle Isle, Windigo and Snug Harbor were improved, a fire tower was erected on the Feldtmann Ridge and miles of trails were constructed. Leading the enrollees on specific projects were "Local Experienced Men" (LEMs), who acted as technical assistants and mentors.

As war loomed, the CCC camps began to close. President Roosevelt was expansive in his praise. "The willingness with which you have performed your task and the fine spirit you have shown...merits the admiration of the entire country." The closure of Camp Siskiwit in 1940 was noted in the log, "The morale of the entire camp is down after hearing the camp was ordered to disband..." The last CCCs departed from Isle Royale in September of 1941.

Today, the remains of their camps have been almost completely reclaimed by the island. But their legacy lives. The young faces of the "Hardy Boys" are mirrored in the dirt-smudged smiles of enrollees with the Minnesota Conservation Corps and AmeriCorps who assist with campground and trail work. The experience and dedication of the LEMs is still evident in the thoughtful frowns and sweaty brows of individual volunteers and groups who support park projects with their expertise and labor. It is a legacy of service.

On your voyage to Isle Royale this year, as you strain your eyes for that first glimpse, you may be focused on your upcoming adventure in this national park. But if you scan the shoreline, a trick of the light might reveal a group of young men dressed in long-ago fashion, their faces alive with anticipation. They wave in welcome. And somewhere, Franklin Roosevelt is smiling.

Valerie Bowen
 Park Ranger

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Books and maps provided through the Isle Royale Natural History Association.



Contacts

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Fax: 906-482-8753

Website: www.nps.gov/isro

E-mail for General Information:

ISRO_ParkInfo@nps.gov

Emergencies:

During business hours:

800-727-5847

906-482-0984

After Hours:

800-727-5847

906-482-2121

Isle Royale Natural History Association (Books & Maps)

800 East Lakeshore Drive
Houghton, MI 49931-1869

Phone: 800-678-6925; 906-482-7860

Website:

www.irnha.org

E-mail:

irnha@irnha.org

Rock Harbor Lodge

Summer

P. O. Box 605

Houghton, MI 49931-0605

Phone: 906-337-4993

Winter

Isle Royale Resorts, P. O. Box 27,

Mammoth Cave, KY 42259-0027

Toll-Free Reservations: 866-644-2003

Phone: 270-758-2001

Website:

www.isleroyaleresort.com

E-mail:

isleroyaleresort@starband.net

Weather Forecasts

for Isle Royale

Michigan

www.crh.noaa.gov/mqt

Minnesota

www.crh.noaa.gov/dlh

National Weather Service

Radio Forecasts

- 162.400 MHz from Houghton, Michigan.
- 162.475 MHz from Thunder Bay, Ontario, Canada.

Michigan's Keweenaw

Tourism Council

Phone: 800-338-7982

Website:

www.keweenaw.info

E-mail: info@keweenaw.info

Minnesota's Grand Marais

Visitor Information Center

Phone: 888-922-5000

Website:

www.grandmarais.com

Michigan Department

of Natural Resources

Fishing License Purchase

Website:

www.michigan.gov/dnr

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- Isle Royale Natural History Association funded this publication.



The National Park Service cares for special places saved by the American people so that all may Experience Our Heritage



Did You Know?

Development of the system of National Park Service areas we enjoy today all started with the creation of Yellowstone, the world's first national park, in 1872. Building this system to the almost 400 units took the passion and persistence of many people...including America's leaders.

- 1) America's fifth national park was named after the president who signed Yellowstone National Park into being. Who was this president? What is that park called today?
- 2) He was the only U.S. president to have served as a park ranger in the National Park Service. During his time in office, 18 new National Park Service units were added to the system.
- 3) The greatest addition in acreage to the National Park Service took place during this president's term. The total acreage of National Park Service areas doubled in a single day. Who was this president? How much land was added?
- 4) This president signed the bill authorizing Isle Royale National Park on the day congress adjourned, March 3, 1931.

Answers: 1) Ulysses S. Grant. Park name changed from Grant National Park to Kings Canyon National Park. 2) Gerald Ford. Park ranger at Yellowstone National Park in 1936. 3) Jimmy Carter. 4) Herbert Hoover

It was awful! Real wild and wooly, trees, rocks, brush, wild animals, swamps. That's all there was! ... But, that fall when it was time to leave it was like losing a good friend.

Remembrance of a CCC enrollee stationed on Isle Royale

In the spring of 1940 I was asked to pack my bags and gear and leave for Isle Royale. It was not the Siberia...it was beautiful. A jewel in Lake Superior.

Eugene F. Stevenson
Former CCC enrollee

...In preserving wilderness we should guard against any sort of development which will reduce space or increase travel. All activities on Isle Royale should be judged in this light, and it should be remembered that the wilderness spirit is tender, easily maimed and destroyed.

Adolph Murie 1935

Isle Royale National Park

Mr. President, Isle Royale was established as a national park for the central purpose of preserving its...value of wilderness. Yet with all of our parks we know that their great popularity as recreational resources is attracting more and more use, leading to pressures for more and more...developments. Isle Royale is increasingly in danger of the kind of slow erosion by which a true wilderness becomes a summer resort....We must take every precaution to hold fast to the wilderness value for which this national park was established.

Philip Hart, Michigan Senator 1973

What we are protecting and preserving here, so far as it is possible and practical to do so, are actually the processes of nature in which the only permanent thing is change, - change which is permitted to take place with the very minimum of human guidance or control. The essence of the place is its wild beauty...

Under Secretary of the Interior Oscar Chapman at the dedication of Isle Royale National Park, 1946

To Better Serve...

Would you like to be able to spend a long weekend on Isle Royale no matter what transport you took? Should the park offer direct transit from Houghton to Windigo every week or every other week? The park is considering operating *Ranger III* trips to Windigo, altering our current schedule in order to transport supplies and remove garbage more efficiently from the island's west end. Transporting visitors on these trips is an option, and would be conducted as part of a two-year pilot program to determine visitor use and interest as well as effects on visitor distribution on the island. I am interested in your comments on these potential changes.

Whether you are a backpacker hiking deep in the forest, a boater anchored in a protected harbor, or a lodge guest exploring a solitary beach, the wilderness setting of Isle Royale is an integral part of your park

visit. Providing a quality wilderness experience for all has been the focus of management discussions as we ready to release the final Wilderness Plan this summer. Please take time to read the Executive Summary on our web site, as it becomes available, or ask for a CD copy of the final plan. As the plan is implemented, I want you to know that adaptive management will be the backbone of moving forward. This strategy considers problems and tries new methods to solve them and then measures whether the "solution" had the intended results. By utilizing this process, the park will strive to develop practices which better serve our visitors and match changing user trends.

Enjoy your visit to Isle Royale.

Phyllis Green
Superintendent

Isle Royale Natural History Association: The Next Fifty Years

Isle Royale was established as a national park in April 1940. Seventeen years later, in March 1957, a small group of Isle Royale residents and Park Service staff conceived a plan to form an association in order to “aid Isle Royale National Park in matters of interpretation – making the prehistory, history, geology, zoology and botany of Isle Royale known and available to Park visitors.”

The organization was named the Isle Royale Natural History Association. Its first president was H. R. Orsborn and its first executive secretary was Bob Linn. The minutes of their first meeting lists the tasks to be undertaken by the newly formed group:

Aid to research projects leading to a better understanding of Isle Royale.

Establishing sets of color slides depicting Isle Royale flora, fauna, geology, and scenes.

Establishing a publications program, which will make what is known about Isle Royale readily available to all who seek it.

Fifty years later, the Isle Royale Natural History Association continues the work outlined for us in 1957. Our support for island

research has grown substantially, the slide collection, once established, has now been saved to digital format and is still used for both programs and publications. The IRNHA publication program has been, by all accounts, a huge success.

Funding for initial publishing projects was hard to come by. In 1958, IRNHA secretary Bob Linn wrote to the Eastern National Park and Monuments Association requesting a loan “to undertake a publications program—desperately needed at Isle Royale National Park to make the interpretive program a well-rounded one.” In the letter, he cited the statistic that Isle Royale was the least visited of all National Parks, and expressed hope that visitation would increase due to “the recent completion of the Straights of Mackinac Bridge and the future completion of a 100-passenger boat between Houghton, Michigan, and Isle Royale.”

The bridge was completed, the ferry began running, and the loan was granted. The first manuscript published by the association in 1959, *Fishes of Isle Royale*, is still in print today. It was followed by a number of small 5 – 50 page booklets on island flora and fauna and tales of island

residents. Since that beginning, IRNHA has published over 25 books. Included in that number are two National Park Service award winners, *Isle Royale: Moods, Magic, and Mystique*, in 1989 and *The Island Within Us: Isle Royale Artists in Residence* in 2001. The first complete nature guide for Isle Royale will be available in 2007.

We also print free publications, including this Greenstone, the boaters’ brochure, the Windigo and Rock Harbor area guides, and more. All IRNHA publications, whether modest pamphlets or full color books, have been produced to fill a need in assisting visitors and to tell the stories of the natural and cultural history of Isle Royale. Today our publications are sold throughout the United States through national distributors and on the Internet.

Support for Isle Royale research continues to be another major IRNHA undertaking. Recently IRNHA has contributed funds and hands-on assistance for invasive aquatic species research and education, a loon nesting atlas, a non-native plant survey, inland lakes water testing, and the bi-annual beaver survey.

IRNHA also provides the park an

average of 4,000 hours of volunteer services annually, assisting park visitors, helping to restore historic buildings, repairing park structures, and eradicating invasive plant species.

The Isle Royale Natural History Association began fifty years ago with a couple dozen visionary members. We have grown to become a national organization, with 1,200 members from every state of the country. Still our mission remains constant: To share the stories of Isle Royale, and in so doing to encourage the public to preserve and protect this special park for future generations.

We invite you to join us as we begin our second half-century of support for Isle Royale National Park. A membership form can be found on page 12.

Jill Burkland, Executive Director
Isle Royale Natural History Association



Marian High – Teen Community Service

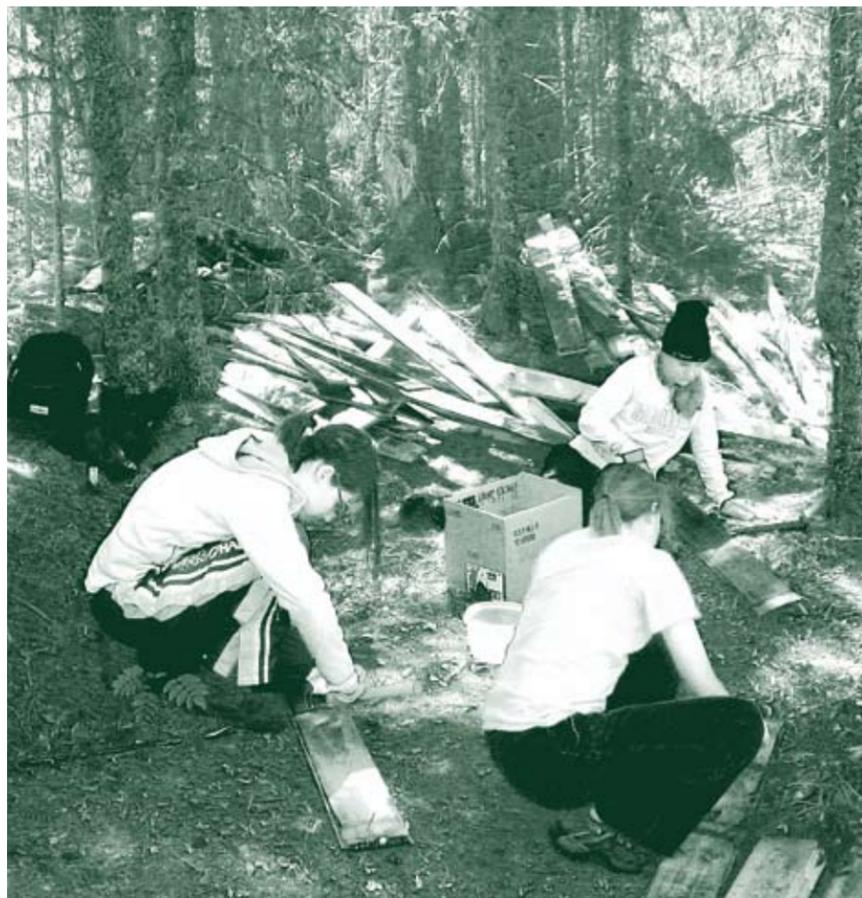
Marian High School, an all-girls Catholic school in Bloomfield Hills, Michigan, was one of the first high schools in the state of Michigan to require a community service experience as a graduation requirement. Since 1997, one service project available to Marian students has been a trip to Isle Royale National Park. These work trips have included painting of shelters, picnic tables, privies, ranger stations, maintenance facilities, and shower buildings. Other work performed by Marian students has included re-roofing small buildings, renovating an old ranger station, repairing picnic tables, salvaging lumber, conducting facility surveys, and trail maintenance.

For many students this provides their first camping experience and certainly their first experience in a wilderness area. In addition, the trips provided an opportunity for students to test themselves in a

physically demanding environment. The majority of the students return from their experience with a new-found appreciation of wilderness and the national parks.

In the past 10 years, nearly 30 students have participated in the program. Each of these students were personally thanked by several park visitors during the duration of their student project, and every student was surprised at how appreciative park visitors were of their volunteer efforts. Many of the students involved in the program have returned to Marian to become leaders in the various environmental student organizations. I believe that through their experience a spark has been ignited that will lead them to become vocal and influential advocates for wilderness and for national parks.

John D. Dunn
Guidance Counselor
Marian High School



2006 Marian work crew

Interpretive Activities

Enjoyable and educational programs are offered on Isle Royale at Rock Harbor, Daisy Farm, and Windigo, and they are also presented on the National Park Service vessel, *Ranger III*. In addition, guided excursions explore such areas

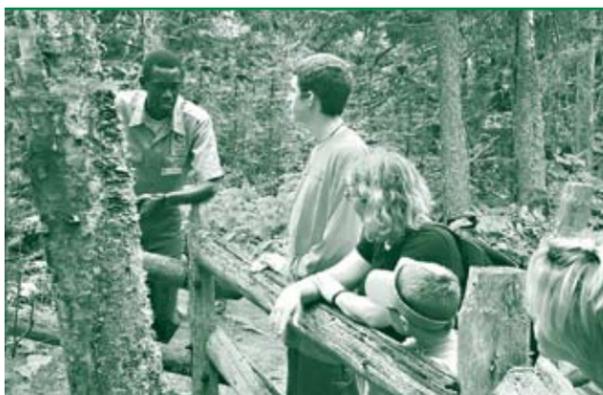
as Passage Island and Lookout Louise near Rock Harbor. Ranger guided programs are free, although those involving the tour boat *MV Sandy* include a transportation fee. Check at local bulletin boards for further details. For outdoor activities,

dress for the possibility of cold or rain and wear sturdy footwear. Trails are slippery and muddy during or after wet weather; wear shoes with good ankle support, weatherproofing, and soles that grip well. COME JOIN US!

Budget shortfalls have reduced staffing. Check at Park Visitor Centers for availability of educational programs.

- All times are Eastern Daylight Time
- \$ = transportation cost
- ** = indicates tours with a park ranger

ROCK HARBOR AREA	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
Rock Harbor Visitor Center Information, books, maps, educational sales materials, camping permits, dive permits, user fee payments, and Jr. Ranger Program.			Daily 8:00 a.m. to 6:00 p.m. – July and August Reduced schedule in May, June, and September					
Interpretive Programs Join a park representative for an exploration of Isle Royale's natural and cultural history.			Check the bulletin board for program schedule.					
MV SANDY TOURS FROM ROCK HARBOR	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
The trails on guided tours are rocky and uneven with some steep climbs and descents; trails may be slippery. Be prepared for cold temperatures and the possibility of rain.	For all tours and programs involving the <i>MV Sandy</i> , obtain tickets and information at the Lodge Registration Office. <i>MV Sandy</i> Tours will operate from June 5 through September 7. Fare rates for the various tours are available at the Rock Harbor Lodge and Rock Harbor Visitor Center; children under 12 are charged half-price for the <i>MV Sandy</i> .							
Hidden Lake/Lookout Louise (\$) ** Greenstone Shuttle A 4-mile boat trip on the <i>MV Sandy</i> to Hidden Lake Trailhead followed by a guided 2-mile round trip hike past Hidden Lake up 320 feet to Lookout Louise. View the south shore of Canada and the north shore of Isle Royale. Return with the group or bring a lunch and water and hike 9.4 miles back to Rock Harbor.			9:00 a.m. to 12:30 p.m.		9:00 a.m. to 12:30 p.m.			
Passage Island (\$) ** An 8-mile boat tour on the <i>MV Sandy</i> crosses one of Isle Royale's popular shipping lanes. The 2-mile guided round-trip hike leads to Passage Island Lighthouse and explores an area of low moose presence.		1:30 p.m. to 6:00 p.m.				1:30 p.m. to 6:00 p.m.		
North Side Cruise/Minong Mine (\$) ** Cruise two hours each way along Isle Royale's north shore bays. Pass Blake Point and Amygdaloid Island, with a possible stop at Belle Isle. A guide may be available to lead a 3-mile hike from McCargoe Cove to the historic Minong Mine. The hike includes difficult walking over steep piles of loose rock on an unmaintained trail. Trip may include a hike to Pine Mountain, offering excellent views of the Canadian shoreline. Bring lunch and beverage.				9:00 a.m. to 5:30 p.m.				
Edisen Fishery and Rock Harbor Light (\$) ** Visit the historic commercial fishery with the resident fishery demonstrator (July thru August), take a quarter-mile walk to the oldest lighthouse (1855) on Isle Royale and enjoy its maritime exhibits.						2:00 p.m. to 6:00 p.m.	9:00 a.m. to 1:30 p.m.	
Captain's Cruise (\$) ** Explore with the Captain of the <i>MV Sandy</i> , scenic, out-of-the-way destinations, such as Middle Island Passage, Lorelei Lane, Rock Harbor Lighthouse, Davidson Island, and Starvation Point.			2:00 p.m. to 5:30 p.m.					
Raspberry Island/Sunset Cruise (\$) ** Take a walk along a boardwalk through the spruce bog on Raspberry Island followed by a cruise on the <i>MV Sandy</i> around Scoville and Blake Points to view features like the Canada shoreline, the site of the <i>Monarch</i> shipwreck, and a Lake Superior sunset (after Aug. 15, cruise only).					8:00 p.m. to Sunset in June-July 7:30 p.m. to Sunset in August-September			
DAISY FARM	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
Interpretive Programs Join a park representative for an exploration of Isle Royale's natural and cultural history.			Check the campground bulletin board for program schedule.					
WINDIGO	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
Windigo Visitor Center Information, books, maps, educational sales materials, camping permits, dive permits, user fee payments, and Jr. Ranger Program.			Daily 8:00 a.m. to 4:30 p.m. – July and August Reduced schedule in May, June, and September					
Interpretive Programs Join a park representative for an exploration of Isle Royale's natural and cultural history.			Check the bulletin board for program schedule.					
HOUGHTON	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
Houghton Information, trip planning, books, maps, and other educational sales materials, <i>Ranger III</i> and group camping reservations, boater camping permits, and user fee payments.			Open year-round, Monday through Friday 8:00 a.m. to 4:30 p.m., closed for fall and winter holidays. 6/4 through 7/28 open 8:00 a.m. to 6:00 p.m. Monday through Friday, Saturday 11:00 a.m. to 6:00 p.m. 7/30 through 9/15 open 8:00 a.m. to 4:30 p.m. Monday through Friday, Saturday 2:00 p.m. to 4:30 p.m.					
RANGER III	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
Interpretive and Educational Programs While onboard, park staff and guest speakers, weather permitting, will explore Isle Royale's natural and cultural history or topics related to the Lake Superior Basin. Park staff will assist in trip planning, answering questions, and issuing backcountry camping permits.			9:00 a.m. to 2:00 p.m. 6/5 thru 9/11	9:00 a.m. to 2:00 p.m. 6/6 through 9/12		9:00 a.m. to 2:00 p.m. 6/1 thru 9/14	9:00 a.m. to 2:00 p.m. 6/2 through 9/15	



Wilderness Use

During Isle Royale's early history, visitors risked much to get there. They did not come to vacation; they came to tame the wilderness through mining its copper, harvesting its fish, and logging its timber. The island was never tamed, the resource never conquered, but its landscape holds the scars of these early attempts.

Today Isle Royale has reverted back to a primitive wilderness. The environmental conditions historically viewed as a burden are now attracting a new clientele.

Today's visitors, as in the past, can still adversely affect this sensitive resource.

To minimize your impact on park resources and other visitors, please practice "Leave No Trace" (for additional information request a copy of the park's Leave No Trace booklet or visit www.lnt.org). Where you place your feet is as important as how you treat and dispose of waste. Be part of the solution: help maintain the sense of solitude and preserve the wilderness flavor, a flavor that has the potential to change your life. Proper wilderness use begins with reading, supporting, and putting into practice the following information.

Camping

Permits are required for all overnight stays at campgrounds, cross-country sites, docks, or at anchor, regardless of group size or method of travel.

Party Size Defined

The party size for camping at Isle Royale is divided into two categories. "Individual" parties are defined as a group of six or fewer people. "Group" parties are defined as seven to ten people. There are different requirements outlined below based on party size.

Individual Camping Permits — parties of six or fewer

Camping for individual parties is on a first-come, first-serve basis. Individual parties can obtain permits onboard the *Ranger III* or upon arrival at Rock Harbor or Windigo Visitor Centers. For trip planning assistance, call (906) 482-0984; write to Isle Royale National Park, 800 East Lakeshore Drive, Houghton, Michigan 49931, or E-mail ISRO_ParkInfo@nps.gov.

Group Camping Permits — parties of seven to ten

Advance reservations are required for group camping. For reservations and trip planning assistance call (906) 482-0984; write to Group Reservations, Isle Royale National Park, 800 East Lakeshore Drive, Houghton, Michigan 49931, or E-mail ISRO_GroupReserve@nps.gov or make reservations on-line at <https://www.pasty.com/isro/nps2.php>. If your party exceeds ten people, you must split into two groups, each independent and traveling on completely separate itineraries. Groups shall camp in group tent site locations only (see chart on page six). Group leaders shall carry medical information for each group member including known allergies, known medical conditions, and medications currently taken. Organizations may not have more than twenty people camping on the island at

For additional information, refer to the park's Group Camping brochure.

any one time and are limited to eighty people per year.

Where to Camp

All campsites on Isle Royale offer tent sites and/or three-sided shelters. Shelter and tent sites are available on a first-come, first-serve basis. Shelters may not be reserved and may not be used solely for cooking or storage of gear. Tents may not be erected at shelter sites. Be gentle with screen doors on shelters to minimize intrusive noise and to prevent damage.

Expect crowded conditions at park campsites during mid-July through August. When sites are full, we ask campers to double up and share empty tent pad space.

Campers must stay in established campsites unless off-trail (cross-country) arrangements are made at the time the permit is obtained. Off-trail hiking and camping is difficult at Isle Royale, and is only recommended for experienced campers.

Commercial Groups

Organizations that charge trip participants a fee or that compensate members or trip leaders in any way are commercial groups under federal law. This applies to both non-profit and for-profit organizations. Commercial groups must apply for and receive a Commercial Use License to conduct trips in the park. There is a fee for this permit. Applications are only accepted between January 2 and May 15; contact the park's Chief Ranger's Office at (906) 487-7148.

"Quiet, Please"

Most visitors come to Isle Royale to hear the sounds of nature in a wild setting. Excessive human noise disturbs wildlife and other visitors. Sound travels easily over the water and on the trail. During quiet hours, between 10:00 p.m. and 6:00 a.m. EDT, if people in adjacent campsites can hear your activities, you are being too loud.

Respect Wildlife

Observe, photograph, and enjoy park wildlife from a safe distance. Use binoculars or a zoom lens "to get closer" to wildlife. If animals flee, become defensive, or change their natural activities in your presence, you are too close! Loons are especially susceptible to disturbance, and may abandon their nests when approached too closely by boats. Cow moose with calves, particularly in the spring, and bull moose during the fall rut can be dangerous; give them a wide berth.

Keep wild animals wild by discouraging them from approaching humans. Practice proper food storage and keep a clean camp. It is illegal to feed, touch, tease, or intentionally disturb wildlife, their homes, nests, or activities. Animals, particularly fox and otter, when habituated to human food, may eventually overcome their natural wariness of humans and may have to be destroyed.

Human Waste

Proper disposal of human waste helps prevent pollution of water sources, mini-

mizes aesthetic impacts to other visitors and reduces the spread of illness. Never defecate within 200 feet (at least 75 steps) of lakes, streams, trails, gullies, or campsites. In areas without outhouses, select a site that visitors are unlikely to discover. With a small trowel, dig a "cathole" 6 to 8 inches deep and 4 to 6 inches in diameter. Place used toilet paper and fecal material in the hole. Use toilet paper sparingly. After use, cover the "cathole" with the excavated soil and disguise it with natural materials. Urinate on durable surfaces, such as rocks, gravel, or fallen logs; away from campsites and water sources. Pack out all used feminine-hygiene products, carrying them in plastic bags, doubled to confine odor.

Showers

The concession operation offers token-operated shower facilities at Rock Harbor (5/25 - 9/7) and Windigo (6/5 - 9/9).

Waste Water Disposal

Cleaning Cookware

Most cookware can be cleaned with hot water, a little elbow grease, and sand or other natural scrubbers. Clean cookware at least 200 feet (75 steps) from lakes, streams, trails, gullies, or campsites. Soap is unnecessary for most dishwashing jobs; if used, use it sparingly. Even biodegradable soaps take a long time to degrade. Use a small strainer or screen to remove food bits from the water and pack them out with your garbage. The remaining gray water should be scattered or broadcast over a wide area away from camps and water sources.

Bathing/Cleaning Clothes

When bathing use soap only if necessary and use it sparingly. Get wet and rinse on land at least 200 feet (75 steps) away from water sources or campsites. Rinse water can be carried in collapsible containers or pots. Clothes can be cleaned by taking them away from water sources and campsites and thoroughly rinsing them with plain water.

Drinking Water

Potable water is only available at Rock Harbor and Windigo. All surface lake and stream water should be considered contaminated with natural parasites. Drinking contaminated water can make you very sick. Water collected in the park should be boiled for at least one minute or passed through a 0.4 micron water filter followed by chemical treatment. To be assured of no risk of contamination from small bacteria and viruses, all filtered water should be chemically treated. By itself, chemical treatment or filtering is not an effective method of water purification. If you boil your water, bring plenty of stove fuel. If filtering, bring a replacement cartridge for those filters that cannot be cleaned in the field. If you filter water from Lake Superior, change your filter or backflush several times with filtered water before using inland - this will assist in keeping Superior's invasive species from entering the inland lakes.

Precautions should be taken to prevent filters from becoming clogged. Filter water from a pot rather than directly from a lake or creek. Allow the sediment in the pot

to settle and filter only from the cleaner water on top.

Dehydration is a problem in hot weather. The Greenstone, Minong, and other trails become hot and dry, and creeks that once offered water may be dry. In addition, there is little or no dependable water available along many trails. To avoid dehydration, be sure to carry a minimum of 2 quarts of water per person. Drink as much water as possible while near water sources. Start hiking early before the day heats up - on ridges it starts getting hot at 10:00 a.m. on sunny days and gets hotter through late afternoon. Hike at a slower pace than usual and rest in shady spots. Watch for early warning signs of dehydration such as thirst, heavy sweating, fatigue, and a red face. Watch for signs of severe dehydration such as reduced or no sweating, headache, long stretches without urinating, dizziness, and nausea.

Hantavirus

There have been no reported cases of Hantavirus at Isle Royale National Park. Generally, there is a low probability of infection. However, the death rate is very high among infected individuals. The first symptoms are flu-like; the primary symptom is difficulty in breathing and quickly progresses to an inability to breathe.

The deer mouse is the primary carrier of the virus. An infected mouse carries the virus in its urine, saliva, feces, and in the carcass. The primary way humans become infected is through breathing in the virus. Infection can also occur by touching the mouth or nose after handling contaminated materials.

To minimize risk, avoid coming into contact with rodent droppings and burrows, avoid sleeping on bare ground, and store food and garbage in rodent-proof containers. For additional information on Hantavirus contact the Centers for Disease Control and Prevention at 800-532-9929.

Pack It In, Pack It Out

It starts at home. Through careful meal planning and repackaging of food items, you can reduce food leftovers and trash in the backcountry. Please pack out everything you take in. Leftover food, food-scrap, orange peels, nutshells, apple cores, twist-ties, candy wrappers, fishing line, and cigarette butts must be packed out. If you have food leftovers, either save and eat them later or pack them out. Do not burn, bury or place trash, food scraps or garbage in outhouses. Please help keep the backcountry clean by packing out what you packed in.

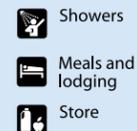


Do not use this map for navigation.



To reduce noise and wake impacts the park has designated certain areas around the island as Quiet/No-wake Zones. For detailed information on the zones, contact a park ranger.

The Isle Royale National Park boundary extends 4.5 miles into Lake Superior from Isle Royale and the outer islands, or to the international boundary.



CAMPGROUNDS

WARNING: Depth at dock. Know your boat's draft.

KEY: CR - Fires in community ring only
 S - Self contained stoves only
 W - Treated water supply
 F - Campfires allowed or standing grills provided
 A - No Alcohol

	Consecutive Night's Stay Limit 5/Stay 6/1 - Labor Day	Individual Tent Sites	Shelters	Group Tent Sites	Special Information	Approx. Depth at Dock in Feet	On-board Generator Use Permitted
Beaver Island	3	0	3	0	S	2'-5'	yes
Belle Isle	5	1	6	0	F	13'	yes
Birch Island	3	1	1	0	S	5'	no
Caribou Island	3	1	2	0	CR	10'	yes
Chickenbone E.	2	3	0	1	S	-	-
Chickenbone W.	2	6	0	3	S	-	-
Chippewa Harbor	3	2	4	1	F	7'	no
Daisy Farm	3	6	16	3	S	9'	no
Desor N.	2	3	0	0	S	-	-
Desor S.	2	7	0	3	S	-	-
Duncan Bay	3	1	2	0	F	6'	no
Duncan Narrows	3	1	2	0	F	6'	no
Feldtmann Lake	2	5	0	2	S	-	-
Grace Island	3	0	2	0	S	2'-4'	yes
Hatchet Lake	2	5	0	3	S	-	-
Hay Bay	3	1	0	0	S	3'-7'	yes
Huginnin Cove	3	5	0	0	S	-	-
Intermediate Lake	2	3	0	0	S	-	-
Island Mine	3	4	0	2	F	-	-
Lake Richie	2	4	0	2	S	-	-
Lake Richie/Canoe	2	3	0	0	S	-	-
Lake Whittlesey	2	3	0	0	S	-	-
Lane Cove	3	5	0	0	S	-	-
Little Todd	2	4	0	0	F	-	-
Malone Bay	3	0	5	2	F	3'-6'	yes
McCargoe Cove	3	3	6	3	CR-A	7'	no
Merritt Lane	3	1	1	0	S	8'	no
Moskey Basin	3	2	6	2	S	8'	no
Pickrel Cove	2	1	0	0	S	-	-
Rock Harbor	1	11	9	3	W-S	-	-
Rock Harbor Marina	Unlimited	-	-	-	F	3'-12'	yes
Siskiwit Bay	3	4	2	3	CR-A	2'-6'	no
Three Mile	1	4	8	3	S	9'	no
Todd Harbor	3	5	1	3	CR	2'	no
Tookers Island	3	0	2	0	S	7'	no
Washington Creek	3	5	10	4	S-W	-	-
Windigo Dock	5	-	-	-	S	4'-20'	yes
Wood Lake	2	3	0	0	S	-	-

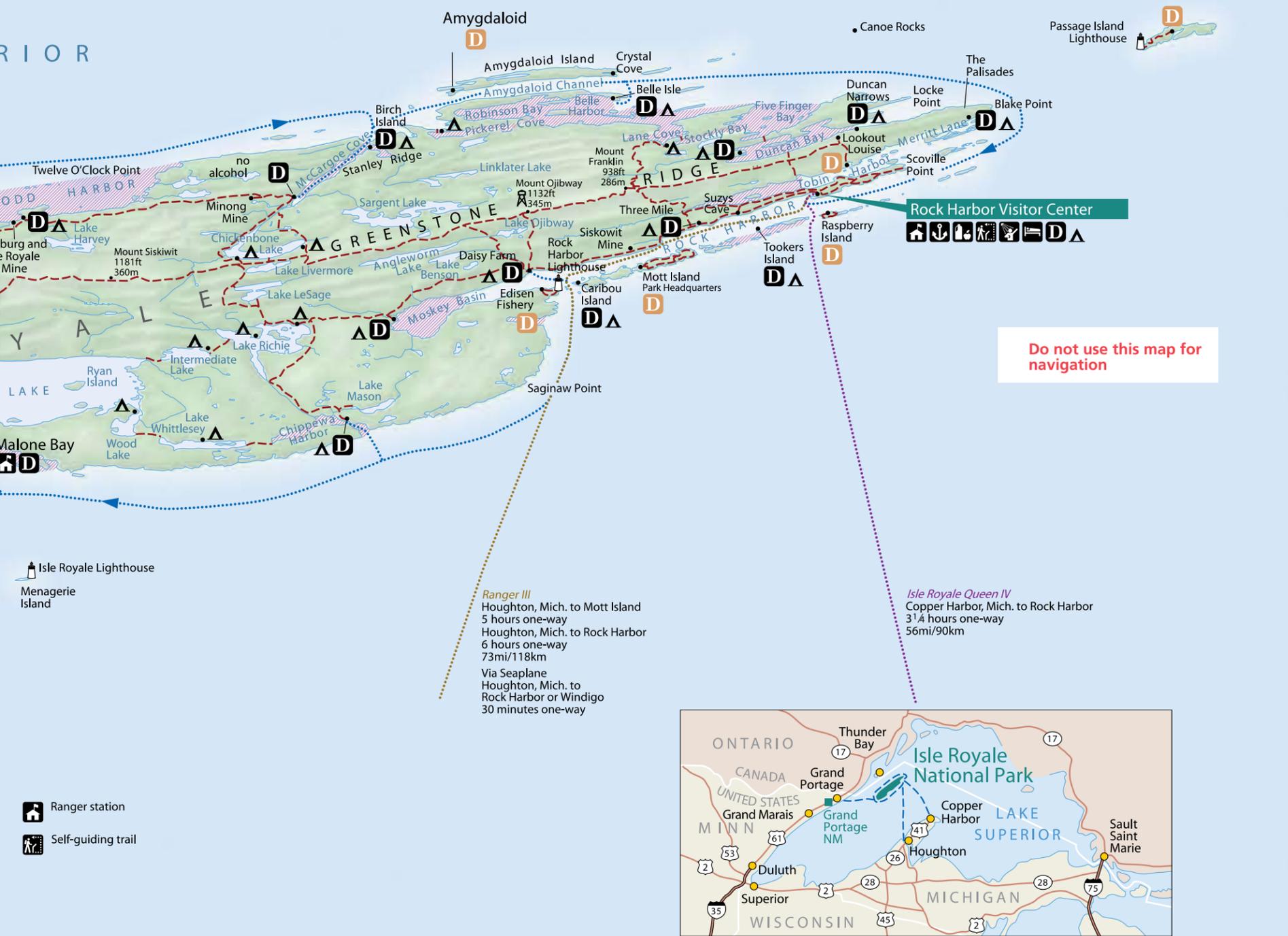
*see Isle Royale Boating Guide for details

CANOE PORTAGES

Distance•Elevation-Change•General Comment

- Malone Bay - Siskiwit Lake - .3 miles, 40' Gradual Slope
- Siskiwit Lake - Intermediate Lake - .4 miles, 40' Gradual
- Intermediate Lake - Lake Richie - .6 miles, 120' Hilly and wooded
- Wood Lake - Lake Whittlesey - .6 miles, 80' Rolling
- Lake Whittlesey - Chippewa Harbor - .6 miles, 140' Steep grades and rocky
- Chippewa Harbor - Lake Richie - 1.2 miles, 160' Hilly
- Moskey Basin - Lake Richie - 2.0 miles, 120' Gradual but very long
- Lake Richie - Lake LeSage - .6 miles, 100' Steep grades, wet
- Lake LeSage - Lake Livermore - .4 miles, 80' Steep grades, wet
- Lake Livermore - Chickenbone Lake - .2 miles, 40' Steep but short
- Chickenbone Lake - McCargoe Cove - .7 miles, 80' Hilly
- Pickrel Cove - .1 miles, 10' Short and sweet
- Lane Cove - Stockly Bay - .1 mile, 8' Short and sweet
- Five Finger Bay - Duncan Bay - .2 miles, 8' Short and sweet
- Duncan Bay - Tobin Harbor - .8 miles, 175' Extremely steep
- Tobin Harbor - Rock Harbor - .2 miles, 40' Up and over

NOTE: Because of Isle Royale's geology, north-facing slopes are much steeper than south-facing slopes.



MEDICAL + TIPS

- The island's Wilderness and Lake Superior present challenges and potential hazards to the inexperienced or ill-prepared.
- Basic emergency services are available on the island, but contacting rangers for assistance can be difficult. Emergency response and evacuation may take time, requiring you to rely on your own skills and equipment. Most private boaters on Lake Superior have radios and can contact park rangers in an emergency.
- Bring a good first aid kit, a sufficient supply of any needed medications, and clothing appropriate for the time of year.
- Filter with chemical treatment or boil all surface water. Drink plenty of water. When dehydrated, you tire more quickly, don't think clearly, and are more prone to fall.
- **Weather and lake conditions can deteriorate quickly and unexpectedly. Hypothermia can occur any time of the year, especially near Lake Superior, where water and air temperatures are cool to cold year-round. Fog and waves can quickly create dangerous conditions for boaters, especially for paddlers.**
- Many people underestimate hiking travel times and overestimate their abilities. Plan shorter, realistic travel days; don't turn your wilderness trek into a forced march.

FISHING REGULATIONS

Species	Seasons	Minimum Size	Daily Possession Limit	Comment
Lake Trout, Rainbow Trout and Salmon Lake Superior and Siskiwit Lake	April 16 to October 31	10" except 15" for lake trout	5 in any combination, but no more than 3 of any one species	*1 *2 Artificial lures only on Siskiwit Lake*3
Coaster Brook Trout Lake Superior	May 1 to Labor Day	N/A	Catch and release only in park's Lake Superior waters.	*1 See Greenstone article page 10 for details
Brook Trout Streams and Hidden Lake	Last Saturday in April to Labor Day	N/A	Catch and release only — No possession allowed	Artificial lures *3 and barbless hooks *4 only on all streams and on Hidden Lake See Greenstone article page 10 for details
Rainbow Trout Streams		7"	5 fish with no more than 3 fish over 15"	See Greenstone article page 10 for details
Yellow Perch Lake Superior and Inland Lakes	April 16 to October 31	No minimum size	50	Recommend daily limit of 10
Northern Pike Lake Superior and Inland Lakes		24"	5 in any combination, but no more than 2 Northern Pike	Artificial lures only on interior lakes *3 and streams *4
Walleye Lake Superior and Inland Lakes	May 15 to October 31	15"		

For additional fish species, seasons, and creel limits, please review the Michigan Fishing Guide

- *1 Park boundaries extend 4.5 miles out into Lake Superior from the outermost land areas of the park.
- *2 For additional trout/salmon fishing information, review the Michigan Fishing Guide.
- *3 Artificial lure means any lure or fly manufactured in imitation of, or as a substitute for natural bait. It is unlawful to use or possess live bait, dead or preserved bait, organic or processed food, or scented material on interior lakes or streams.
- *4 Only barbless hooks may be used for fishing the park's rivers, creeks, and streams, and Hidden Lake. Barbed hooks are allowed on all other inland lakes in the park.

Wilderness Use

Leave What You Find

Enjoy your discoveries and take them home via photographs, drawings, and memories. Natural objects of beauty or interest such as moose antlers, plants, driftwood, cultural or archeological resources, greenstones, agates, datolite and other minerals, including those found in Lake Superior must be left where they are so others can experience the same sense of discovery. Removing, possessing, or disturbing park resources is prohibited. This may seem like a harmless act, but the cumulative effect of many people doing the same can be quite damaging to park resources. Picking small quantities of berries and wild edibles for personal consumption is permitted.

Insects

Expect mosquitoes, black flies, gnats, and other insects to peak in June or July. During wet summers, mosquito populations can continue well into August. Bring insect repellent, netting, or other skin barriers. Make sure your tent's mosquito netting is in good repair and the zippers work. Dry summers will produce an abundance of yellow jackets. Bring an epinephrine kit if you or a member of your party is allergic to bee stings. For others, over-the-counter antihistamines may help counter minor swelling and itching.

Minimize Use of Fires

Campfires are permitted at only a handful of campgrounds. A backpacking stove is a must; these stoves are lightweight, dependable, easier to use, and less damaging to the park than wood fires. Twig-burning backpacking stoves are permitted. Where campfires are allowed, a metal fire ring is provided; never build your own ring. Gather only dead and down wood away from the camp area. Use small diameter wood no larger than an adult's wrist, as this will burn completely and will eliminate the need to pack a hatchet or saw. Collect wood from a wide area and away from the immediate vicinity of camp. This keeps the camp area from becoming depleted of wood and potential nutrients. Do not break branches or strip bark from standing trees, live or dead. Resist the temptation to gather driftwood or wood from beaver dams or lodges. Do not import firewood; insects and pathogens from an infected wood source could devastate Isle Royale's forests. Do not burn trash in any form. The fire should be kept small. Once finished, make sure the flames and coals are dead out and cold to the touch; double check before going to bed or leaving camp.

Canoeing/Kayaking

Lake Superior is well known for its cold temperatures, fog, and sudden squalls that can generate waves that could easily swamp a canoe. This along with scarce outer shore landing sites adds to the potential danger. Small, open vessels are discouraged from entering these cold treacherous waters and are encouraged to use the numerous miles of waterways that the inland lakes provide. Canoeists and kayakers should be familiar with weather patterns and consult the Marine Forecast at ranger stations before embarking. Be prepared to adjust your schedule to the weather. A portable marine radio is recommended.

Portages – Canoe routes and portages are on the northeast half of the Island. Portages are marked with a letter “P” on a post.

PFD – Every canoeist and kayaker must have a U.S. Coast Guard approved personal flotation device. Wear it; your life may depend on it.

Boat Rental – Canoe, kayak, and motorboat rentals are available at Windigo and Rock Harbor. For more information contact the Rock Harbor Lodge. (refer to page 2).

Loons

Isle Royale National Park is the summer home for over 100 nesting pairs of Common Loons, supporting the only known population which still breeds on Great Lakes waters. These birds nest on land very close to the shoreline, making them highly susceptible to human disturbance. An adult loon who tremolos (the laughing call) is sending a message that you are too close. From mid-May through July 15 (loon nesting season) visitors are to stay at least 150 feet away from islands. Additional areas may be closed due to loon nesting, please check at the visitor centers for updated information.

Non-Native Species

Isle Royale waters, like all Lake Superior waters, face a growing threat from the invasion of non-native species. Once species like sea lamprey, zebra mussels, or spiny water fleas enter an area, they out-compete native species, causing large-scale changes in the ecosystem.

Two invasive species, the sea lamprey and the spiny water flea, have already established a presence in Isle Royale waters. The spiny water flea presently is found only in Lake Superior. The park is concerned it may enter the inland lakes. Once established, its spines harm predator fish and they disrupt the zooplankton population, the basic food source for many fish species (see related article, page 9).

Zebra mussels have not established a presence in Isle Royale. Their potential to cause catastrophic problems cannot be overstated. If zebra mussels were to enter the inland lakes it is estimated they would cover nearly every habitable surface on an inland lake floor within two years.

What can you do to stop the spread?

Boaters

Drain live wells and bilge on land - remove transom water, lake water, and unwanted bait from your boat - wash equipment with warm water and use a high-pressure sprayer or wait five days before launching for Isle Royale.

Backpackers

Prior to departure, clean your camping gear, clothing, and boots.

Canoeists and Kayakers

Remove weeds, algae, and other plant and animal materials from your boat - dry vessels a day before island departure - clean and dry watercraft when moving from Lake Superior waters to inland lakes.

Anglers

Clean fishing gear before island departure - When moving from Lake Superior to inland lakes, clean gear and change line spools.

Divers

Wash all dive gear in warm chlorinated

tap water - Disinfect your wetsuit with a special-purpose shampoo - dry all dive gear and wetsuit for seven days before island departure.

For additional information on invasive non-native species and the preventative measures that you can take - request the park's brochure “Aquatic Invaders: Stop the Spread & Spread the Word.” Also available online at www.irnha.org.

Wheeled Vehicles/ Devices

Wheeled vehicles (except for wheelchairs) or other mechanical forms of transportation are not allowed on trails. This includes bicycles and portaging devices.

Weapons, Traps, & Nets

The use or possession of weapons, traps, and nets is prohibited. Weapons include any implements designed to discharge a projectile or missile in the air or water. Fireworks are prohibited.

Pets

Dogs, cats, and other pets are not allowed. This includes pets on boats within the park boundaries, which extend 4 1/2 miles into Lake Superior from the outermost land areas of the park. Visitors bringing pets to Isle Royale will be required to leave immediately. Pets disturb wildlife and can transmit diseases, particularly to wolves. Special conditions apply to guide dogs. Please contact the park for further information.

Marine Warning:

Boaters beware, Lake Superior levels are significantly down. Use caution in your travels, especially around docks and reefs.

Boating

All boaters staying overnight at anchor, at docks, or in campgrounds must first obtain a camping permit. Lake Superior offers challenging and often dangerous weather in the form of dense fog, high winds, waves, and thunderstorms. Combine this with rocky reefs, limited safe harbors, and Isle Royale's remoteness, and it pays for you, your crew, and your boat to be shipshape. For additional information on boating and trip planning please request the park's Isle Royale Boating Guide. **In addition to Houghton, Rock Harbor, and Windigo, boaters may obtain Isle Royale camping permits and pay user fees while using our on-line service at <https://www.pasty.com/isro/nps.php>. Please note: the U.S. Forest Service Ranger Station in Grand Marais, Minnesota has discontinued processing permits and collecting fees for Isle Royale National Park.**

Restricted Water Activities – Water skiing and personal watercraft including vessels commonly referred to as jet skis, waverunners, sea-doo's, wet bikes, or surf jets are prohibited. Since all of the park's inland lakes are located within designated Wilderness, they can only be explored by paddling. Vessels with motors (even if not in use) are prohibited on inland lakes and streams. **Portable Generators, Electronic and Motorized Devices** – Operation of electronic and motorized devices such as

stereos, televisions, radios tuned to commercial stations and portable generators is not permitted except in developed and open-water motorized zones. Developed areas include the Windigo and Rock Harbor developed areas, and the Mott Island Headquarters area. Open water motorized zones include Lake Superior waters outside of designated “quiet/no wake waters”.

On-Board Generators – The operation or use of permanently installed (by the boat manufacturer) on-board vessel generators is allowed between 6:00 a.m. and 10:00 p.m. in developed zones and at the following docks: Beaver Island, Belle Isle, Caribou Island, Grace Island, Hay Bay, Malone Bay, Rock Harbor, and Windigo. On-board generators may not be operated or used at the following public docks: Birch Island, Chippewa Harbor, Daisy Farm, Duncan Bay, Duncan Narrows, McCargoe Cove, Merritt Lane, Moskey Basin, Siskiwit Bay, Three Mile, Todd Harbor, and Tookers Island. Vessels at anchor within Quiet/No Wake Zones may operate on-board generators between 6:00 a.m. and 10:00 p.m., except when anchored within 1/4-mile of a designated park campground.

Quiet/No Wake Zones – These zones promote a quality visitor experience by providing relatively tranquil, natural marine surroundings. Within the zone, vessels must not exceed 5 mph or create a wake.

In flat, calm water, this means not making a wake or traveling no faster than 5 mph. In a one foot sea, a boat could travel up to a speed that would create a one foot wake. Quiet/No Wake Zones include specified areas near Todd Harbor, Johns Island, Barnum/Washington Islands, Hay Bay, Wright Island, Malone Bay, Chippewa Harbor, Conglomerate Bay, Moskey Basin, Lorelei Lane, Tobin Harbor, Merritt Lane, Passage Island, Duncan Bay, Five Finger Bay, Lane Cove, Robinson Bay, Pickerel Cove, Belle Harbor, Crystal Cove, and McCargoe Cove. Consult boater's maps and brochures available at Park Visitor Centers and on-board the *Ranger III* for specific information.

Alcohol Ban – Open containers of alcohol are prohibited in campgrounds, on docks, and onboard docked vessels at both Siskiwit Bay and McCargoe Cove.

Pollution Prevention – Head pump-out service is available at Windigo and Rock Harbor when the concession operation is open. Federal regulations prohibit the discharge of any waste, including gray water, into park waters. Vessels carrying spare fuel in portable containers must use legally approved containers. Fuel may not be stored on docks.

Customs – All vessels arriving from Canada (U.S. or Canadian) must clear U.S. customs at Windigo or Rock Harbor Ranger Stations.

Divers – Please refer to your dive permit regulations concerning compressor use.

Fuel – Gasoline is sold from mid-June to early September at Windigo; gasoline and diesel fuel are sold from mid-May to mid-September at Rock Harbor. Diesel fuel is not available at Windigo. Early and late season service or fuel may be obtained at Windigo and Mott Island if personnel are available.

Greg Blust
Supervisory Park Ranger

Isle Royale Boaters Association's Contribution

Visitors to Windigo have a new place to sit and relax, thanks to the Isle Royale Boaters Association. A new pavilion provides a picnic spot protected from the heat of the sun and a welcome shelter from the drizzle of an afternoon rain.

The Isle Royale Boaters Association (IRBA) is a not-for-profit corporation organized in 1996 to represent the interests of Isle Royale National Park users. Members have participated in a number of projects involving repair, maintenance and construction of infrastructure for the island. In 1999, IRBA members performed much needed repairs and maintenance to pavilions at Belle Isle and Daisy Farm. In 2002, IRBA members and National Park Service (NPS) personnel relocated and upgraded the picnic area at Malone Bay. During the summer of 2003, IRBA volunteers assisted park staff in



IRBA members work on pavilion trusses

constructing a building to house the Windigo oil spill containment boom.

During the 2003 project, the idea of constructing an open-air pavilion on the site of the former Windigo Ranger Station was discussed with Superintendent Phyllis Green (when we could get her away from the miter saw and cribbage games.)

Following her approval, the project was underway. Richard Ojard, of the engineering firm Krech and Ojard of Duluth, volunteered his time to design and provide architectural drawings for the project. Through proceeds from fund-raising banquets and generous donations, all materials were acquired by the spring of 2006. The construction phase

began over Memorial Day weekend, when a group of IRBA volunteers assembled the roof trusses. In July, vertical columns were set and the trusses were lifted in place by NPS personnel. IRBA volunteers and park staff then secured the trusses to the columns and installed the roof sheeting, shingles and trim boards. NPS personnel finished the summer's work by adding some cosmetic touches to the site.

Immediately after its completion, visitors started putting the pavilion to use. It has become a popular spot: to eat a meal, chat with others or simply relax and take in the view of Washington Harbor. The pavilion is there for all to use. Enjoy.

Mark Rude
Isle Royale Boaters Association
www.isleroyale.org

Spiny Water Flea Update

If you visited Isle Royale last summer, you probably heard that invaders are poised to enter the park's inland waters. The spiny water flea, an invasive zooplankton, is found in Lake Superior waters but is not yet in Isle Royale's inland lakes.

These tiny invertebrates reproduce at incredible rates. When they reach an uninfested lake, their population explodes and quickly changes the food web. Isle Royale is one of the few places in the country which still has intact inland aquatic ecosystems that have not been altered by introduced species.

All wilderness travelers moving from Lake Superior to inland lakes are potential carriers of spiny water flea. With just a few minutes of effort, you can assure that you are not transporting these aggressive invaders into inland waters. What should you do?

- 1) **Prepare for your trip by packing cloths to wipe gear, gallon size Ziploc bags, an extra water filter, and extra fishing line.**
- 2) **Prior to your portage, empty out and wipe down all surfaces of camping and paddle craft gear that have been in Lake Superior.**
- 3) **If you fished in Lake Superior, replace the fishing line and wipe down all tackle.**
- 4) **If you filtered water from Lake Superior, change your filter or backflush several times with filtered water before using in an inland lake.**
- 5) **Use wipe cloths only once. Put wipe cloths and Lake Superior fishing line in a Ziploc bag to isolate them from the rest of your gear.**

This summer look for new informational signs posted at portages from Lake Superior to inland waters. These signs review the steps you should take before proceeding inland.

Informational signs at Portages

Do not assume you will be able to see these tiny hitchhikers. Their 1/3 inch size and transparent color makes them easy to miss and their eggs are too tiny to notice. Treat all equipment as though it may be

carrying spiny water fleas and you will be helping to preserve Isle Royale's inland lakes.

Jean Battle
Chief, Natural Resources Division

Fishing at Isle Royale

A Michigan fishing license is required for fishing in Lake Superior, including narrow bays and harbors, and when transporting fish from the island to the mainland. If you are under 17 years of age, you may fish without a license. Licenses are not required to fish on the inland waters of Isle Royale; possession limits are the same as those set by the State of Michigan. Also see additional information on this page regarding

special brook trout regulations. Anglers should refer to the Michigan fishing regulations for possession limits and detailed license requirements for Lake Superior (also see the chart on page 7 for a brief guide to regulations). Only 24-hour licenses are available on the island and only when concession services are open. You may purchase a Michigan fishing license online at www.michigan.gov/dnr.

Marine Warning: Boaters beware, Lake Superior levels are significantly down. Use caution in your travels, especially around docks and reefs.

Fishery Conservation

With its multitude of islands and bays on Lake Superior, as well as several lakes and streams on the interior of the island, Isle Royale provides many opportunities for outstanding recreational fishing for wild, native fish. How can you help to conserve and minimize damage to the Isle Royale fishery?

- Catch only what you plan to keep or eat. Catch and release, while encouraged, can be damaging and very stressful on fish.
- Know the minimum size of fish so that if they are too small they can be quickly released.
- Release larger fish and keep medium size fish to insure future productivity. Larger, more mature fish produce more offspring than smaller fish.
- Instead of killing trophy fish, consider a modern graphite mount produced from a picture of the fish.
- Return fish to the water as soon as possible. While unhooking them, keep fish in the water as much as possible.
- If fishing from shore, try to remove hooks while the fish are in the water; don't drag them up on the bank.
- Try not to handle fish, but if you need to, do so with a wet hand. Release handled fish gently by allowing them to swim from your hands rather than throwing them back into the water.
- Do not squeeze the fish or place fingers in the gills, since a torn gill can cause the fish to bleed to death.
- Remove the hook gently. Pliers work best. Cut the line near the hook if a fish is deeply hooked. A steel hook will decompose in time.
- Use only artificial lures (required in inland waters) as exotic species can accidentally be introduced by using live bait and live bait are often swallowed deeper resulting in more damage to fish.
- Use single, barbless hooks or bend down the barbs on the hooks. Using larger spoons when fishing for larger fish such as Northern Pike will help prevent catching undersize fish.
- If moving from Lake Superior to an inland lake, change to a different spool of line. This will help prevent spread of the spiny water-flea, an exotic aquatic invertebrate that competes with juvenile fish for food. It has been found in Lake Superior waters of the park but is not yet documented in inland waters. Spiny water fleas can adhere to fishing line and be easily spread to other bodies of water.

Disposal of Fish Remains

At Rock Harbor, please use the fish cleaning station. At other locations, the preferred method is to dump remains chopped up into pieces 4" or less in deep (50' or deeper) water. This reduces the unsightly remains and odors around campgrounds and the unnaturally large gathering of gulls at these sites. At inland lakes the preferred method of disposal is to chop fish remains into pieces 4" or less and deposit into deep water via canoe. If you do not have a canoe, you could request the assistance of a canoeist. The alternate method is to chop up remains into pieces 4" or less and move at least 200 feet (75 steps) from campground and throw remains as far as possible into deep water. These steps will eliminate the potential for attracting and feeding wildlife at campgrounds. Please clean fish away from docks and campgrounds. Do not throw remains in shallow water near shore or throw remains to gulls.

Transporting Fish to the Mainland

You are allowed only one day's catch in your possession. While the license holder remains on the Island, Michigan Department of Natural Resources (DNR) allows those with DNR permits to ship legally-taken fish on the *Ranger III*, *Isle Royale Queen IV*, *Wenonah*, *Voyageur II* and the seaplane. This one-time per year permit covers up to a single day's catch limit. Fish must be claimed when the ferry service arrives at their destination. Permits may be obtained by writing: Department of Natural Resources, 427 U.S. 41 North, Baraga, Michigan 49908-9627 or calling (906) 353-6651.

Fishermen returning on the *Ranger III* must check in their fish with the ship's purser. Fish cannot be transported in coolers on private boats onboard the *Ranger III*.

Fish Consumption Advisory

Contaminants discovered in the Park ecosystem remind us that although Isle Royale is remote, it is part of a global system. Ongoing research in six inland lakes (Sargent, Siskiwit, Eva, Shesheeb, Wagejo, and Anglemorm) shows fish with mercury levels exceeding the State of Michigan fish consumption advisories.

For information on fish consumption advisories check with park staff or visit the Michigan Department of Community Health website at: <http://www.michigan.gov/mdch>

Jay Glase, Fishery Biologist, and Larry Kangas, Chief, Law Enforcement Division

Why Special Brook Trout Regulations at Isle Royale?

Due to incredible popularity and historic over-harvest, coaster brook trout numbers at Isle Royale have been declining for several years. Recent surveys indicate populations are dangerously low and may be at risk of disappearing unless they have more protection.

- The Tobin Harbor population of adult brook trout may be **less than 150 fish**.
- The Siskiwit Bay population, despite 5 years of regular stocking, is probably even lower than at Tobin Harbor.

Due to these low numbers, NPS and Michigan DNR have implemented protective regulations at Isle Royale in order to help with the recovery of this once common fish.

Lake Superior Waters (extend 4.5 miles out from the island)

Catch and release only for all brook trout, including all bays and harbors.

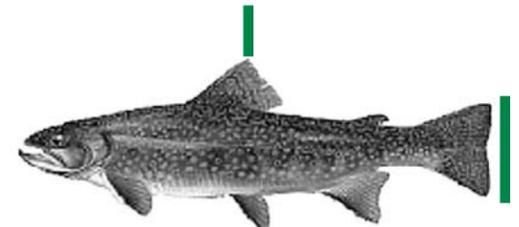
Inland Waters

Catch and release only in all streams and Hidden Lake.

Artificial lures and barbless hooks only in all streams and Hidden Lake.

You can help

by knowing the regulations and how to identify brook trout. The nearly square tail and wormlike pattern on the back and dorsal (top) fin of a brook trout are usually a good way to distinguish it from lake trout and splake. If you're uncertain about the species you catch, return it to the water.



Brook Trout



Splake



Lake Trout

(Images from LandBigFish.com)

Rock Harbor Lodge and Windigo Store

Lodge Rooms

Sixty rooms are available; each accommodates four and offers private bath. Available 6/5 thru 9/7.

Housekeeping Rooms

Twenty duplex cottages accommodate six and are furnished with utensils, dishware, private bath, double bed and two bunk beds. Available 5/25 thru 9/7.

Gift Shop and Dockside Store

Gift Shop offers handcrafted gifts, apparel, photo supplies, postcards, souvenirs, daily fishing licenses, and tackle. The store offers groceries, freeze-dried foods, fishing tackle, stove fuel, camping, hiking, and boating accessories, showers, laundry facilities, and sundries. Gift Shop 6/5 thru 9/7 - Store 5/25 thru 9/7

Lodge Dining Room & Greenstone Grill

Hearty meals, including fresh Lake Trout. Visitors welcome for breakfast, lunch, and dinner. Food service open daily, 6/5 thru 9/7.

Marina and Water Taxi

Offers 450 feet of dock space in Rock Harbor, accommodating boats up to 65 feet. Electrical, fresh water hook-up, sewage pump-out, gasoline, and diesel fuel, motorboat, canoe, and kayak rental available. Water taxi



service drops off or picks-up visitors, canoes, or kayaks at many island docks. Available 6/5 thru 9/7

Fishing Charters and Sightseeing

Charters are fully equipped. For details on sightseeing trips refer to page 4.

Windigo Store and Marina

Offers groceries, cold sandwiches, camping supplies, stove fuel, daily fishing licenses and tackle, gifts and photo supplies. The marina offers gasoline, pump-out service, and motorboat, canoe and kayak rental. Shower and laundry facilities available. Open 6/5 thru 9/9.

The cost for utilities on Isle Royale is much higher than on the mainland. A utility surcharge will be added to the cost of all goods and services.

Contact Information - page 2

Transportation Services

Rates and schedules are subject to change.

FROM HOUGHTON, MICHIGAN



RANGER III

National Park Service owned and operated.

5 hours one-way to Mott Island, 6 hours one-way to Rock Harbor, 165 ft., 128 passenger vessel

SCHEDULE (Eastern Daylight Time)

June 1 thru September 15

■ Houghton to Rock Harbor
Tues. & Fri. 9:00 a.m.

■ Rock Harbor to Houghton
Wed. & Sat. 9:00 a.m.

NEW FOR 2007 – WINDIGO RUN Same day round-trip on Thur.

July 19 and August 2
Houghton to Windigo8:00 a.m.
Windigo to Houghton 2:30 p.m.

FARES ONE-WAY

Adults.....	\$56.00
Children (7 thru 12 years)	20.00
Children (age 6 and under)	FREE
Boat (less than 18').....	85.00
Boat (18' to 20'00").....	135.00
Disabled Boat (20'01" to 26'00").....	350.00
Canoes/Kayaks	20.00
Canoes/Kayaks over 20'00" or over 90 lbs.	50.00
Outboard Motor.....	15.00
100 lbs. gear per passenger	FREE
Additional freight after 100 lbs	\$8.80/100wt.

GROUP RATES ONE-WAY

(A party of seven or more)	
Adults.....	\$48.00
Children (7 thru 12 years)	\$20.00

RESERVATIONS

Full payment required for confirmed reservation. Major credit cards accepted. Reservations accepted on or after January 2.

CANCELLATIONS

Refunds, minus a 15% processing fee, if cancellation is received 3 days prior to sailing and tickets are returned. No refund within 3 days of sailing.

AMENITIES

Free parking • Largest of the ships • Crew of 9 • Two decks for passenger use • Three staterooms available • Ranger III Grill • Interpretive Programs • Backcountry Permits issued and orientation given onboard • Four lounges • Handicap Accessible Bathroom • National Park User Fee collected on morning of departure.

FOR INFORMATION OR RESERVATIONS CONTACT

Isle Royale National Park
800 East Lakeshore Drive
Houghton, MI 49931-1869

On-line Reservations

<https://www.pasty.com/isro/nps3.php>

Phone:

(906) 482-0984

Fax:

(906) 482-8753

E-mail:

ISRO_Ranger3Reserve@nps.gov

Website:

www.nps.gov/isro

FROM COPPER HARBOR, MICHIGAN



ISLE ROYALE QUEEN IV

3 hours one-way, concession operated, 100 ft., 100 passenger vessel

SCHEDULE (Eastern Daylight Time)

■ Copper Harbor 8:00 a.m.
■ Rock Harbor 2:45 p.m.

5/14 thru 6/1	M & F
6/2 thru 6/30	M, T, Th, F, Sat
7/1 thru 7/15	M, T, Th, F, Sat, Sun
7/16 thru 8/15	Every Day
8/16 thru 9/3	M, T, Th, F, Sat, Sun
9/7 thru 9/28	M & F

FARES ONE-WAY

5/14 thru 7/15 & 8/16 thru 9/28	
Adults.....	\$54.00
Children (1 thru 11).....	27.00
7/16 thru 8/15	
Adults.....	\$62.00
Children (1 thru 11 years).....	31.00
Infants (under 1 year).....	FREE
Canoes/Kayaks	25.00
Motors (under 5 hp).....	5.00
Motors (5 hp and over)	15.00
Air Tanks (each)	5.00
70 lbs. gear per person.....	FREE

RESERVATIONS

A full-fare deposit is required for each reservation. All canoes and kayaks require advance reservations. Most credit cards accepted.

CANCELLATIONS

There is no refund if canceled less than 3 days before sailing. Cancellations received with more than 3 days notice will be sent an 85% refund. If canceling a group of 10 or more, two weeks notice is required.

MISCELLANEOUS

Parking fee • Limited snacks • Freight, canoes, etc. carried for our passengers only • Due to weight restrictions, luggage limited to 75 lbs. per passenger • Phone and letter reservations only • Email and faxes are for information requests only

• The \$4 per day National Park User Fee is collected on the *Queen IV* as she sails to Isle Royale and is payable in cash, check, or money order only.

Motor Boaters be advised that the *Queen IV* is presently not equipped to carry motor boats. Boaters should contact the *Ranger III* for passage.

FOR INFORMATION OR RESERVATIONS CONTACT

The Isle Royale Line, Inc.
P.O. Box 24, Copper Harbor, MI 49918

Phone:

(906) 289-4437

Fax:

(906) 289-4952

E-mail:

Captaink@pasty.net

Website:

www.isleroyale.com

FROM GRAND PORTAGE, MINNESOTA



VOYAGEUR II

Grand Portage to Windigo - 2 hours one-way, Windigo to Rock Harbor - 5 hours one-way, concession operated, 60 ft. vessel

SCHEDULE (Central Daylight Time)

■ Grand Portage to Rock Harbor via Windigo/McCargoe Cove/Belle Isle

5/5 thru 5/26	W & Sat 8:00 a.m.
5/28 thru 9/15	M, W & Sat 8:00 a.m.
9/19 thru 10/17	W 8:00 a.m.

■ Rock Harbor to Grand Portage via Daisy Farm/Chippewa Harbor/Malone Bay/Windigo

5/6 thru 5/27
 Th & Sun. 8:00 a.m. (9:00 a.m. EDT) |

5/29 thru 9/16
 Tue, Th & Sun 8:00 a.m. (9:00 a.m. EDT) |

9/20 thru 10/18
 Th 8:00 a.m. (9:00 a.m. EDT) |

Windigo Round-Trip – Sat. & Sun. 9/22 thru 10/20

Grand Portage to Windigo
 9:30 a.m. |

Windigo to Grand Portage
 3:00 p.m. (4:00 p.m. EDT) |

FARES ONE-WAY

Grand Portage to Windigo.....	\$57.00
Children (3 thru 11 years).....	38.00
Grand Portage to McCargoe Cove/Belle Isle/Rock Harbor/Daisy Farm/Chippewa Harbor/Malone Bay.....	67.00
Children (3 thru 11 years).....	40.00
Windigo to McCargoe Cove	40.00
Windigo to Rock Harbor.....	52.00
McCargoe Cove/Belle Isle to Rock Harbor.....	40.00
Rock Harbor to Daisy Farm/Chippewa Harbor/Malone Bay or in between	40.00
Rock Harbor/Daisy Farm to Windigo	52.00
Chippewa Harbor/Malone Bay to Windigo.....	40.00
Infants (under 3 years)	FREE
Regular Canoes, Single Kayaks.....	29.00
Tandem or Triple Kayak	33.00
Outboard Motors (empty of fuel)	25.00
Fuel Tanks for Outboard Motors (empty of fuel)	5.00
Air Tanks (each)	10.00
40 lbs. Gear per passenger	FREE
Additional freight after 40 lbs.	\$29.00/100 lb.

RESERVATIONS

Full payment required for confirmed reservations. Major credit cards accepted. National Park User Fee is payable at time of ticket purchase. Refund is 85% of fare, provided cancellation is received at least 3 full days (two weeks for groups of seven or more) prior to departure date.

MISCELLANEOUS

Parking fee • Hot coffee available • Freight shipments must be arranged in advance • Fishing poles must be in protective cases • Hard gear must be in securely closed packs.

FOR INFORMATION OR RESERVATIONS CONTACT

Grand Portage-Isle Royale Transportation Line, Inc.
P.O. Box 10529, White Bear Lake, MN 55110

Phone: (651) 653-5872 – Oct thru April
(218) 475-0024 – May thru Oct

E-mail: sivertjen@hotmail.com

Website: www.isleroyaleboats.com

FROM GRAND PORTAGE, MINNESOTA



WENONAH

3 hours one-way, concession operated, 63 ft. vessel

SCHEDULE (Central Daylight Time)

June 16 thru September 2

■ Grand Portage to

Windigo..... daily 9:30 a.m.

■ Windigo to

Grand Portage
 daily 3:00 p.m. (4:00 p.m. EDT) |

FARES

Adults.....	\$42.00
Children (3 thru 11 years)	23.00
Children (under 3 years).....	FREE
Canoes/Single Kayaks	29.00
Tandem, Triple Kayaks	33.00
Outboard Motors (empty of fuel)	25.00
Fuel Tanks for Outboard Motors (empty of fuel)	5.00
Air Tanks (each)	10.00
40 lbs. Gear per passenger.....	FREE
Additional freight after 40 lbs.	\$29.00/100 lb.

SAME DAY ROUND-TRIP

Adults.....	\$47.00
Children (3 thru 11 years)	26.00
Children (under 3 years).....	FREE

RESERVATIONS

Full payment required for confirmed reservations. Major credit cards accepted. National Park User Fee is payable at time of ticket purchase. Refund is 85% of fare, provided cancellation is received at least 3 full days (two weeks for groups of seven or more) prior to departure date.

MISCELLANEOUS

Parking fee • Hot coffee available • Limited snacks • Sightseeing en route • Fishing poles must be in protective cases • Hard gear must be in securely closed packs.

FOR INFORMATION OR RESERVATIONS CONTACT

Grand Portage-Isle Royale Transportation Line, Inc.
P.O. Box 10529, White Bear Lake, MN 55110

Phone:

(651) 653-5872 – Oct thru April
(218) 475-0024 – May thru Oct

E-mail:

sivertjen@hotmail.com

Website:

www.isleroyaleboats.com

FROM HOUGHTON, MICHIGAN



SEAPLANE

Air service to Isle Royale operates from the Houghton County Airport from May 17 through September 15

Flights daily except Sunday and some Wednesdays, weather permitting. The seaplane accommodates up to four persons. Baggage is limited to 50 pounds per person. The plane cannot carry stove fuel. Selected fuels are available upon arrival at the Park.

FARES

\$260.00 round-trip per person
\$180.00 one-way per person

FOR INFORMATION OR RESERVATIONS CONTACT

Royale Air Service, Inc
P.O. Box 15184
Duluth, MN 55815

Phone:

(218) 721-0405
(877) 359-4753

Fax:

(218) 721-0409
(877) 359-4754

E-mail:

royaleairservice@aol.com

Website:

www.royaleairservice.com

WATER TRANSPORTATION ON THE ISLAND

VOYAGEUR II

During its clockwise circumnavigation of the Island, the *Voyageur II* provides drop-off and pick-up services at several areas. Please refer to their schedule and rates.

ROCK HARBOR LODGE WATER TAXI

Provides drop-off and pick-up services between Rock Harbor and McCargoe Cove on the north shore and Rock Harbor and Malone Bay on the south shore. Available 6/5 thru 9/7. For contact information refer to page 2.

GENERAL INFORMATION

- No alcohol consumption on passenger ferries.
- Pets and wheeled devices are not allowed. • Wheelchairs are allowed. • Stove fuel can be carried in approved containers on ferries, but not on the seaplane. • Lake Superior weather is cool throughout the year; for comfort bring a warm jacket.

Ranger III Schedule Changes – We Need Your Input

Isle Royale National Park is looking for your input on two options which would potentially improve *Ranger III* passenger service to the island. Currently it is inconvenient for *Ranger III* passengers to get from Rock Harbor to Windigo and the current *Ranger III* schedule does not support most visitors' needs for weekend travel. The park is considering these two options for altering the *Ranger III* schedule.

1. Offering a peak season weekly round-trip to Windigo on Wednesday or Thursday. The goal of this trip would be to streamline logistical support to our Windigo operation, while providing off-setting cost by offering visitors passage. This would entail approximately 4 to 6 trips a season.
2. Altering our current round-trip *Ranger III* schedule from Tuesday/Wednesday and Friday/Saturday to Monday/Tuesday and Thursday/Friday.

The park is considering a two year pilot program starting in 2008 to gauge the effectiveness of these two alternative schedules. Our goal is to improve visitor services and park operations, while maintaining access similar to current levels.

Please let us know your thoughts on these potential changes by emailing ISRO_ParkInfo@nps.gov, writing to Isle Royale National Park – 800 East Lakeshore Drive – Houghton, MI 49931, or calling (906) 482-0984.

Isle Royale's Recreation Fee Demonstration Program

Fee Categories	Rate and Explanation
Daily User Fee	\$4.00 per person per day. Children 11 and under are exempt from the fee.
(Optional): Individual Season Pass	\$50.00 This pass is valid from April 16 through October 31 of the year indicated. The pass covers the User Fee for the person whose signature appears on the pass.
(Optional): Season Boat Rider Pass	\$150.00 This pass is valid from April 16 through October 31 of the year indicated. The pass covers the User Fee for all persons onboard, when affixed to the private boat. When camping, the pass is only valid for passengers included in and following the itinerary of the vessel.

Join the Isle Royale Natural History Association & Support Isle Royale National Park Programs

The Isle Royale Natural History Association, in partnership with the National Park Service, promotes the public's understanding and appreciation of Isle Royale National Park and Keweenaw National Historical Park through education and research.

By publishing and selling products about Isle Royale National Park and Keweenaw National Historical Park, we educate people about these special places and raise funds that are re-invested in the parks to support research and interpretive programs.

Every year the Isle Royale Natural History Association contributes approximately \$25,000 in cash and in-kind aid to Isle Royale National Park.

YOU CAN HELP....

You can support the work of the Isle Royale Natural History Association and our partner parks by becoming a contributing member of our organization. Your tax-deductible contribution will help us share the stories of Isle Royale National Park and Keweenaw National Historical Park with people of all ages, around the world.

Membership levels are:

Life _____	\$1000	(Payable in 5 installments)
Patron _____	250	
Sustaining _____	100	
Supporting _____	50	
Household _____	35	
Individual _____	25	

IRNHA member benefits:

- a 10% discount on all purchases from IRNHA outlets and many other National Park Visitor Centers throughout the U.S.,
- 3 issues of Wolf's Eye newsletter,
- park newspapers,
- invitations to park programs, trips, and events,
- monthly e-mail park news updates.

Become a member today!

Call us at 800-678-6925,
or join online at www.irnha.org

The Isle Royale Natural History Association:

Sells books and other educational products in visitor centers at Houghton, Rock Harbor & Windigo;

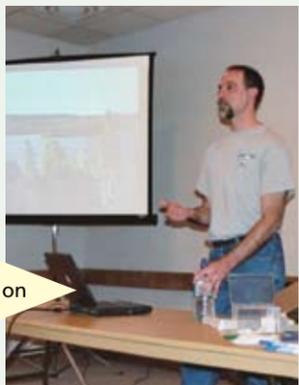


Rock Harbor Visitor Center



Conducts Volunteer Service Projects on Isle Royale;

IRNHA Service Trip participant Rob Goodman working on Savage boat house cleanup



Conducts educational programs and field trips.

Jay Glase, Isle Royale fisheries expert, presenting the latest news on aquatic invasive species.

Interpretive Ranger Karena Schmidt leads a botany walk in Rock Harbor.



ISLE ROYALE NATURAL HISTORY ASSOCIATION PRODUCTS

BOOKS, MAPS & MORE

Your purchases help support Isle Royale National Park!

Coming Summer 2007!! Isle Royale Nature Guide

A complete guide to the flora and fauna of Isle Royale.

Full color. Authors: Ted Gostomski & Janet Marr

Trails Illustrated Map \$9.95

Topographic map includes valuable wilderness tips and Leave No Trace guidelines, along with updated trails, trailheads, points of interest, campgrounds, and much more. Printed on waterproof, tear-resistant material with a plastic coating for extreme durability. Measures 4" x 9" folded and 38" x 25" fully opened. Scale = 1:50,000. Updated 2004.

NOAA Lake Charts \$19.75

Official navigation charts for Isle Royale, Lake Superior, Grand Portage, the Great Lakes, Keweenaw Peninsula, and Portage Canal. Soundings in feet. Folded or rolled. Add \$3.00 for mailing tube if rolled.

Isle Royale National Park: Foot Trails and Water Routes \$15.95

The park's authoritative illustrated guidebook. All the information you need to plan everything from a series of day hikes to a two-week trek that circles the park. A must for planning your backpacking or canoeing trip to Isle Royale. 136 pages. Third edition. Author: Jim DuFresne

New!! Ecological Study of Wolves on Isle Royale 2006-2007 \$3.95

The year's report from the winter study on Isle Royale. Includes latest information on the island's wolf and moose populations. *Annual Reports from 1989-2005 also available.* Author: Rolf Peterson

Superior Wilderness: Isle Royale National Park \$16.95

A natural history of Isle Royale for the layperson, emphasizing the ecology of the island, the relationship between its plants, animals and physical environment. Color photographs and an extremely readable text. Maps, photos, charts, illustrations. 171 pages. Author: Napier Shelton

Fishes of Isle Royale \$5.95

This complete fishing guide includes information on the five fish habitats on Isle Royale, a full description of all major species with illustrations, keys to fish identification, and an annotated list of fishes. Charts, maps. 58 pages. Authors: K.F. Lagler & C.R. Goldman

Isle Royale: A Photographic History \$29.95

The history of Isle Royale from early exploration in the 1600s to the birth of the national park as told through historical photos and maps. Chapters: Exploration, Copper Mining, Navigation, Commercial Fishing, Recreation, and Creating a National Park. 160 pages. Authors: Tom & Kendra Gale

Place Names of Isle Royale \$9.95

The origins, histories, and stories of over 250 Isle Royale locations. A history of Isle Royale in itself. Illustrated with over 50 photographs, drawings and maps, including a complete fold-out map of Isle Royale. 96 pages. Authors: Parratt and Welker

The Geologic Story of Isle Royale National Park \$10.95

Classic study of Isle Royale's geologic history and landscape, the shifting of rocks and specific minerals which produced one of the most beautiful islands in North America. Maps, photos, and illustrations. 66 pages. Author: N. King Huber

Diaries of an Isle Royale Fisherman \$12.95

Reproductions of the journals and correspondence of Elling Seglem who fished from Isle Royale's Fisherman's Home between 1920 and 1932. These newspaper-format letters were sent home to his family in Chicago. Historic photos and cartoons. 185 pages. Editors: Jill Burkland & Robert Root

Exploring Isle Royale VHS \$17.95 DVD \$21.95

This orientation video produced by the National Park Service shows how to best enjoy the island's many attributes, including its trails, lakes, and campsites. Winner of the 1995 Michigan Outdoor Writers Association Best Outdoor Travel Program. 28 minutes.

Isle Royale Impressions DVD \$16.95

Breathtaking footage of Isle Royale's shoreline, lakes, ridges, and forests, along with close-up shots of island wildlife. Set to classical music. 20 minutes. (Not compatible with Sony® DVD/VHS Combo players!)

Isle Royale Impressions II DVD \$18.95

More beautiful Isle Royale scenes set to classical music. Wildlife footage includes rare views of a pair of Isle Royale wolves. 20 minutes.

Isle Royale National Park Pins & Hiking Stick Medallions \$4.50 \$5.95

Enamel 3/4" pins available in wolf, moose, or loon design. Medallion 1-3/4" available in wolf & loon designs.

Isle Royale Wolf T- Shirt \$16.95

100% cotton, black with wolf art and "Isle Royale National Park." printed on front or back. Adult S, M, L, XL, XXL

Special Value Packages

Hiking & Canoeing Package \$25.00

Includes the Trails Illustrated map, the book *Isle Royale National Park: Foot Trails and Water Routes*, and the park checklists of birds, mammals, and rocks.

Fishing Package \$24.00

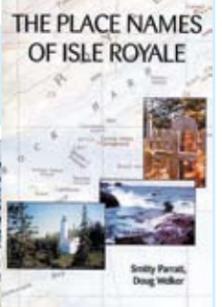
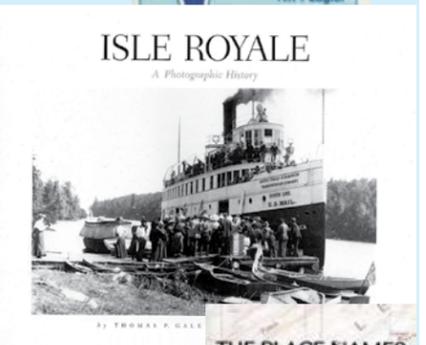
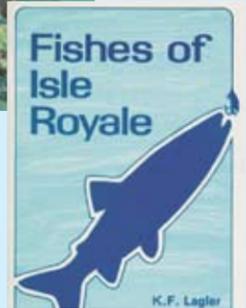
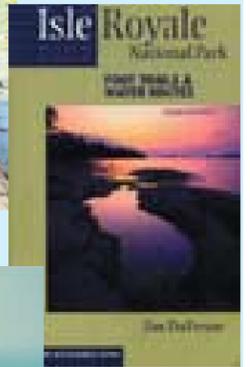
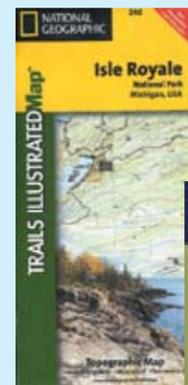
Includes the Isle Royale Navigational Chart, the book *The Fishes of Isle Royale*, and copies of Isle Royale fishing regulations and Aquatic Invasive Species brochure.

www.irnha.org

800-678-6925

IRNHA members receive a 10% Discount on all purchases!

Visit our sales outlets at Isle Royale National Park Visitor Centers, on the waterfront in Houghton, Michigan, and on the island at Rock Harbor and Windigo.



Shipping Charges/US Mail:	
Up to \$10.00	\$3.00
\$10.01 - \$30.00	\$5.00
\$30.01 - \$50.00	\$7.00
\$50.01 - \$75.00	\$8.00
Over \$75.00	free
Priority Mail: Add \$4.00	
Additional Charges outside U.S.	